

Title (en)  
SECURITY DEVICES AND METHODS OF MANUFACTURE THEREOF

Title (de)  
SICHERHEITSVORRICHTUNGEN UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
DISPOSITIFS DE SÉCURITÉ ET LEURS PROCÉDÉS DE FABRICATION

Publication  
[EP 3509866 A1 20190717 \(EN\)](#)

Application  
[EP 17767887 A 20170906](#)

Priority  

- GB 201615258 A 20160908
- GB 2017052599 W 20170906

Abstract (en)  
[origin: GB2553555A] A method of producing a security device comprising a substrate 10 with a relief structure 20 on its surface. The relief structure having a recess or a plurality of recesses 21 and one or more raised land areas 22. A colour-shifting coating structure 30, 40, 50 is applied to the relief structure wherein a thickness of the colour-shifting coating structure in the recess or recesses is less than a thickness of the colour-shifting coating structure on the one or more land areas. From at least one angle the coated recesses and the land areas exhibit a different colour. Also disclosed is a security device.

IPC 8 full level  
[B42D 25/36](#) (2014.01); [B42D 25/21](#) (2014.01); [B42D 25/29](#) (2014.01); [B42D 25/324](#) (2014.01); [B42D 25/328](#) (2014.01)

CPC (source: EP GB US)  
[B42D 25/21](#) (2014.10 - EP US); [B42D 25/29](#) (2014.10 - EP US); [B42D 25/324](#) (2014.10 - EP GB US); [B42D 25/328](#) (2014.10 - EP GB US);  
[B42D 25/36](#) (2014.10 - EP US); [B42D 25/45](#) (2014.10 - US); [G02B 1/10](#) (2013.01 - US); [G02B 5/1814](#) (2013.01 - US);  
[G02B 5/1847](#) (2013.01 - US)

Citation (search report)  
See references of WO 2018046915A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
[GB 201615258 D0 20161026](#); [GB 2553555 A 20180314](#); [GB 2553555 B 20191211](#); EP 3509866 A1 20190717; EP 3509866 B1 20210106;  
ES 2862419 T3 20211007; HU E053772 T2 20210728; PL 3509866 T3 20210705; US 2019193453 A1 20190627; WO 2018046915 A1 20180315

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